|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Ecological parameters** |  | **Class (*Van Dam et al. 1994*)** | | | | | | | |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| pH requirements | unknown | acidobiontic | acidophilic | neutrophilic | alkaliphilic | alkalibiontic | indifferent |  |
| Salinity | unknown | halophobe | oligohalobous | halophilic | mesohalobous | brackish-marine | marine-brackish | marine |
| Nitrogen utake | unknown | sensitive  N-autotrophic | tolerant  N-autotrophic | facultative  N-autotrophic | obligatory  N-autotrophic |  |  |  |
| O2 requirements | unknown | polyoxybiontic | oxybiontic | moderate | low O2 | very low O2 |  |  |
| Saprobity | unknown | oligosaprobe | β-mesosaprobe | a-mesosaprobe | a-meso -> polysaprobe | polysaprobe |  |  |
| Trophy state | unknown | oligotrophic | oligo-mesotrophic | mesotrophic | meso-eutrophic | eutrophic | hypereutrophic | indifferent |
| Moisture aerophily | unknown | aquatic | occasionally aerophilic | aquatic to aerophilic | aerophilic | terrestial |  |  |